

=> d his

(FILE 'HOME' ENTERED AT 13:05:00 ON 01 NOV 2001)

FILE 'MEDLINE' ENTERED AT 13:05:06 ON 01 NOV 2001

L1	4797 S PARAINFLUENZA
L2	211 S PARAINFLUENZA TYPE 3
L3	0 S CHIEMRIC
L4	17374 S CHIMERIC
L5	2 S L2 AND L4
L6	30 S BOVINE PARAINFLUENZA VIRUS TYPE 3
L7	5 S L4 AND L6

FILE 'USPATFULL' ENTERED AT 13:09:40 ON 01 NOV 2001

L8	10 S L7
L9	0 S L8/CLM

d 18 1-10

L8 ANSWER 1 OF 10 USPATFULL
AN 2001:18001 USPATFULL
TI Recombinant **chimeric** virus and uses thereof
IN Cochran, Mark D., Carlsbad, CA, United States
Wild, Martha A., San Diego, CA, United States
Winslow, Barbara J., Delmar, CA, United States
PA Schering-Plough Veterinary Corp., Reno, NV, United States (U.S.
corporation)
PI US 6183753 B1 20010206
AI US 1997-804372 19970221 (8)
RLI Continuation-in-part of Ser. No. US 1996-663566, filed on 13 Jun 1996,
now patented, Pat. No. US 5853733 Continuation-in-part of Ser. No. WO
1995-US10245, filed on 9 Aug 1995 Continuation-in-part of Ser. No. US
1994-288065, filed on 9 Aug 1994, now patented, Pat. No. US 5961982
DT Utility
FS Granted
LN.CNT 3184
INCL INCLM: 424/199.100
INCLS: 424/229.100; 424/204.100; 424/222.100; 424/202.100; 435/320.100;
435/069.100; 435/069.300; 435/235.100; 536/023.720; 536/023.520
NCL NCLM: 424/199.100
NCLS: 424/202.100; 424/204.100; 424/222.100; 424/229.100; 435/069.100;
435/069.300; 435/235.100; 435/320.100; 536/023.520; 536/023.720
IC [7]
ICM: A61K039-12
ICS: A61K039-295; C12N015-00; C12P021-06
EXF 424/199.1; 424/202.1; 424/204.1; 424/222.1; 424/816; 424/229.1;
435/320.1; 435/69.1; 435/235.1; 435/177.3; 530/300; 530/350; 536/23.72;
536/23.52
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 2 OF 10 USPATFULL
AN 2001:14256 USPATFULL
TI Two-step immunization procedure against the pyramyxoviridae family of
viruses using recombinant virus and subunit protein preparation
IN Klein, Michel H., Willowdale, Canada
Tartaglia, James, Schenectady, NY, United States
Cates, George A., Richmond Hill, Canada
Ewasyshyn, Mary E., Willowdale, Canada
PA Virogeneitics Corporation, Troy, NY, United States (U.S. corporation)
Connaught Laboratories Limited, North York, Canada (non-U.S.
corporation)
PI US 6180398 B1 20010130
AI US 1996-679065 19960712 (8)
DT Utility
FS Granted
LN.CNT 1233
INCL INCLM: 435/320.100
INCLS: 435/235.100; 435/069.100; 435/069.300; 424/232.100; 424/199.100
NCL NCLM: 435/320.100
NCLS: 424/199.100; 424/232.100; 435/069.100; 435/069.300; 435/235.100
IC [7]
ICM: C12N015-00
ICS: A61K039-275; A61K039-12
EXF 424/184.1; 424/204.1; 424/211.1; 424/93.2; 424/232.1; 424/199.1; 435/5;
435/69.1; 435/69.3; 435/235.1; 435/237; 435/172.3; 435/320.1
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 3 OF 10 USPATFULL
AN 2001:1631 USPATFULL
TI Methods for making modified recombinant vesiculoviruses

IN Rose, John K., Guilford, CT, United States
PA Yale University, New Haven, CT, United States (U.S. corporation)
PI US 6168943 B1 20010102
AI US 1996-646695 19960503 (8)
RLI Continuation-in-part of Ser. No. US 1995-435032, filed on 4 May 1995
DT Utility
FS Granted
LN.CNT 2933
INCL INCLM: 435/239.000
INCLS: 424/199.100; 424/224.100; 424/093.210; 435/235.100; 435/325.000;
435/320.100; 514/044.000; 536/023.720
NCL NCLM: 435/239.000
NCLS: 424/093.210; 424/199.100; 424/224.100; 435/235.100; 435/320.100;
435/325.000; 514/044.000; 536/023.720
IC [7]
ICM: A61K039-205
ICS: C07H021-04; C07K014-145; C12N007-01
EXF 435/235; 435/235.1; 435/239; 435/325; 435/320.1; 424/199.1; 424/224.1;
424/93.21; 514/44; 536/23.72
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 4 OF 10 USPATFULL
AN 2000:174402 USPATFULL
TI Parainfluenza virus glycoproteins and vaccines
IN Cates, George A., Richmond Hill, Canada
Ewasysbyn, Mary E., Willowdale, Canada
Fahim, Raafat E. F., Mississauga, Canada
Jackson, Gail E. D., Richmond Hill, Canada
Klein, Michel H., Willowdale, Canada
Symington, Alison L., Toronto, Canada
PA Connaught Laboratories Limited, Toronto, Canada (non-U.S. corporation)
PI US 6165774 20001226
WO 9711093 19970327
AI US 1998-43477 19980808 (9)
WO 1996-CA639 19960923
19980807 PCT 371 date
19980807 PCT 102(e) date
DT Utility
FS Granted
LN.CNT 1695
INCL INCLM: 435/238.000
NCL NCLM: 435/238.000
IC [7]
ICM: C12N007-06
EXF 435/238
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 5 OF 10 USPATFULL
AN 2000:87721 USPATFULL
TI Bovine adenovirus expression vector system
IN Mittal, Suresh K., Saskatoon, Canada
Graham, Frank L., Hamilton, Canada
Prevec, Ludvik, Burlington, Canada
Babiuk, Lorne A., Saskatoon, Canada
PA University of Saskatchewan, Saskatoon, Canada (non-U.S. corporation)
PI US 6086890 20000711
AI US 1997-815927 19970313 (8)
RLI Continuation of Ser. No. US 1993-164292, filed on 9 Dec 1993, now
patented, Pat. No. US 5820868
DT Utility
FS Granted
LN.CNT 3639
INCL INCLM: 424/199.100

INCLS: 424/205.100; 424/233.100; 424/093.200; 435/235.100; 435/320.100
NCL NCLM: 424/199.100
NCLS: 424/093.200; 424/205.100; 424/233.100; 435/235.100; 435/320.100
IC [7]
ICM: A61K039-235
ICS: C12N007-01; C12N015-86
EXF 424/199.1; 424/205.1; 424/233.1; 424/93.2; 435/320.1; 435/235.1
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 6 OF 10 USPATFULL
AN 2000:57602 USPATFULL
TI RNA respiratory syncytial virus vaccines
IN Parrington, Mark, Bradford, Canada
PA Connaught Laboratories Limited, North York, Canada (non-U.S. corporation)
PI US 6060308 20000509
AI US 1997-923558 19970904 (8)
DT Utility
FS Granted
LN.CNT 1079
INCL INCLM: 435/320.100
INCLS: 435/069.300; 424/186.100; 424/199.100; 424/204.100; 424/211.100;
424/218.100; 424/093.600; 514/044.000
NCL NCLM: 435/320.100
NCLS: 424/093.600; 424/186.100; 424/199.100; 424/204.100; 424/211.100;
424/218.100; 435/069.300; 514/044.000
IC [7]
ICM: C12N015-45
EXF 435/320.1; 435/69.3; 424/186.1; 424/199.1; 424/204.1; 424/211.1;
424/218.1; 424/93.6; 514/44
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 7 OF 10 USPATFULL
AN 1999:163447 USPATFULL
TI Recombinant bovine adenoviruses
IN Mittal, Suresh K., Saskatoon, Canada
Graham, Frank L., Hamilton, Canada
Prevec, Ludvik, Burlington, Canada
Babiuk, Lorne A., Saskatoon, Canada
PA University of Saskatchewan, Saskatoon, Canada (non-U.S. corporation)
PI US 6001591 19991214
AI US 1997-845623 19970425 (8)
RLI Division of Ser. No. US 1993-164292, filed on 9 Dec 1993, now patented,
Pat. No. US 5820868
DT Utility
FS Granted
LN.CNT 3969
INCL INCLM: 435/069.100
INCLS: 435/235.100; 435/320.100; 424/199.100
NCL NCLM: 435/069.100
NCLS: 424/199.100; 435/235.100; 435/320.100
IC [6]
ICM: C12N015-00
ICS: C12N007-01; C12N015-86
EXF 424/93.2; 424/199.1; 514/44; 435/235.1; 435/320.1; 435/69.1
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

d 14 1-2 all

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2002 ACS
AN 2001:713077 CAPLUS
DN 135:270010
TI Recombinant parainfluenza virus expression systems and vaccines
IN Haller, Aurelia; Coelingh, Kathleen L.
PA Aviron, USA
SO PCT Int. Appl., 60 pp.
CODEN: PIXXD2
DT Patent
LA English
IC ICM A01N063-00
ICS A61K039-155
CC 10-4 (Microbial, Algal, and Fungal Biochemistry)
Section cross-reference(s): 3, 15

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001070032	A1	20010927	WO 2001-US9091	20010321
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			

PRAI US 2000-531375 A 20000321

AB The present invention relates to recombinant bovine parainfluenza virus 3 (bPIV) cDNA or RNA which may be used to express heterologous gene products in appropriate host cell systems and/or to rescue neg. strand RNA recombinant viruses that express, package, and/or present the heterologous gene product. The heterologous sequences encoding F and HN glycoproteins or G protein of human parainfluenza virus, influenza virus or respiratory syncytial virus interchange with those of bPIV3 to make **chimeric** bovine PIV virus. In addn. to heterologous sequence, the polymerase (L) gene of bovine parainfluenza virus 3 also has a mutation at position 1103, resulting in a temp.-sensitive phenotype. The **chimeric** bovine PIV virus shows attenuated phenotype and elicit strong protective response when administered in vivo. The **chimeric** viruses and expression products may advantageously be used in vaccine formulations including vaccines against a broad range of pathogens and antigens.

ST recombinant parainfluenza virus vaccine

IT Proteins, specific or class

RL: BUU (Biological use, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(F, gene for; recombinant parainfluenza virus expression systems and vaccines, genes in bovine parainfluenza virus 3 genome substituted by heterologous sequence from other viruses)

IT Gene, microbial

RL: BUU (Biological use, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(F; recombinant parainfluenza virus expression systems and vaccines, genes in bovine parainfluenza virus 3 genome substituted by heterologous sequence from other viruses)

IT Gene, microbial